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Takagi et al.

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(54) SYSTEM AND METHOD FOR INFORMATION ACCESS

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See application file for complete search history.

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(57) ABSTRACT

To convert the structure of a Web page into contents that a user can easily listen to, and for permitting the user to access and obtain information without have to perform and navigation, in a manner similar to listening to the radio. A designated target page is obtained from a Web server, and a linked list for the target page is analyzed to obtain a linked destination page. A transcoding module inserts the main content of the linked destination page into a linked location on the target page, and converts the page into a structure appropriate for oral reading. Then, a VoiceXML generation module converts the target page into a VoiceXML document, and a VoiceXML browser performs a speech response process for the VoiceXML document. A command is input to the VoiceXML browser orally or by using a dial key entry provided using a telephone, and a speech from the VoiceXML browser is output to the telephone.

25 Claims, 12 Drawing Sheets

